

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known	
	Application Number	Not Yet Assigned 10/157,669		
	Filing Date	January 14, 2004		
	First Named Inventor	Kurt Lang		
	Art Unit	Not Yet Assigned 1646		
	Examiner Name	Not Yet Assigned		
Sheet	1	of	2	Attorney Docket Number
				CIBT-P02-092

ZACHARY
C
HOWARD

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ZH	AA**	US-5,364,839	11-15-1994	Gerhart et al.	
ZH	AB**	US-6,444,793	09-03-2002	Pepinsky	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
ZH	BA**	WO-97/35607	10-02-1997			
ZH	BB**	WO-95/16035	06-15-1995			
ZH	BC**	WO-93/00050	01-07-1993			
ZH	BD**	WO-98/02454	01-22-1998			
ZH	BE**	WO-96/16668	06-06-1996			
ZH	BF**	WO-98/30576	07-16-1998			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
ZH	CA**	Asahina et al., "Human osteogenic protein-1 induces chondroblastic, osteoblastic, and/oradipocytic differentiation of clonal murine target cells," Exp. Cell. Res. 222:38-47 (1996)		
ZH	CB**	Bitgood et al., "Sertoli cell signaling by Desert hedgehog regulates the male germline," Curr. Biol. :298-304 (1996)		
ZH	CC**	Bumcrot et al., ""Proteolytic processing yields two secreted forms of sonic hedgehog," Mol. Cell. Biol. 15(4):2294-2303 (1995)		
ZH	CD**	Cha et al., "Rhodopsin kinase: Expression in baculovirus-infected insect cells, and characterization of post-translational modifications," Proc. Natl. Acad. Sci USA 94:10577-10582 (1997)		
ZH	CE**	Chiang et al., "Cyclopia and defective axial patterning in mice lacking Sonic hedgehog gene function," Nature 383:407-413 (1996)		
ZH	CF**	Fietz et al., The hedgehog gene family in Droophila and vertebrate development," Development Supplement pages 43-51 (1994)		
ZH	CG**	Hammerschmidt, "The world according to Hedgehog," TIG 13(1):14-21 (1997)		
ZH	CH**	Hynes et al., "Induction of midbrain dopaminergic neurons by Sonic Hedgehog," Neuron, 15:35-44 (1995)		
ZH	CI**	Karaplis et al., "Lethal skeletal dysplasia from targeted disruption of the parathyroid hormone-related peptide gene," Genes Dev. 8:227-289 (1994)		
ZH	CJ**	Kinto et al., "Fibroblasts expressing Sonic Hedgehog induce osteoblast differentiation and ectopic bone formation," FEBS Letters 404:319-323 (1997)		
ZH	CK**	Lai et al., "Patterning of the neural ectoderm of Xenopus laevis by the amino-terminal product		

Examiner Signature	Date Considered
Zach Howard	10/14/05

Substitute for form 1449A/B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	Not Yet Assigned 10/757,669
		Filing Date	January 14, 2004
		First Named Inventor	Kurt Lang
		Art Unit	Not Yet Assigned 1646
		Examiner Name	Not Yet Assigned
Sheet 2 of 2	Attorney Docket Number	CIBT-P02-092	

ZACHARY
C
HOWARD

3H	CL**	of hedgehog autoproteolytic cleavage," Development 121:2349 (1995)	
3H		Miao et al., "Sonic Hedgehog promotes the survival of specific CNS neuron populations and protects these cells from toxic insult in vitro," The Journal of Neuroscience 17(15):5891-5899 (1997)	
3H	CM**	Nakamura et al., "Induction of osteogenic differentiation by Hedgehog proteins," Biochemical and Biophysical Research Communications 237:465-469 (1997)	
3H	CN**	Pepinsky et al., "Identification of a palmitic acid-modified form of human Sonic Hedgehog," The Journal of Biological Chemistry 273:14037-14045 (1998)	
3H	CO**	Perrimon, "Hedgehog and beyond," Cell 80:517-520 (1995)	
3H	CP**	Porter et al., "Cholesterol modification of Hedgehog signaling proteins in animal development," Science 274:255-259 (1996)	
3H	CQ**	Seytter et al., "Hydrophobic modifications at the amino-terminal cysteine of recombinant Sonic Hedgehog signaling domain dramatically increase activity," Bone 23:S563, Abstract (1998)	
3H	CR**	Smith, "Hedgehog the floor plate, and the zone of polarizing activity," Cell 76:193-196 (1994)	
3H	CS**	Vortkamp et al., "Regulation of rate of cartilage differentiation by Indian hedgehog and PTH-related protein," Science 273:613-622 (1996)	
3H	CT**	Wozney et al., "Bone morphogenetic proteins and their gene expression," Cellular and Molecular Biology of Bone, New York Academic Press, pp. 131-167 (1993)	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Zach Howard	Date Considered	10/14/05
--------------------	-------------	-----------------	----------